

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1 | "6412072".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:21 |
| L2 | 523 | 710/110.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:21 |
| L3 | 2 | 710/110.ccls. and replac\$3 adj data | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:22 |
| S1 | 10 | ("5761697" "5210846" "5809518" "5864872" "6108751").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 08:02 |
| S2 | 269 | (serial adj data) and (one-wire or (one adj wire)) and (insert\$3 or instrument or instrumenting or instrumentation) and control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:15 |
| S3 | 28 | (serial adj data) and (one-wire or (one adj wire)) and (insert\$3 or instrument or instrumenting or instrumentation) and control\$4 and (bit near3 match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:16 |
| S4 | 33 | (serial adj data) same (one-wire or (one adj wire)) and (insert\$3 or instrument or instrumenting or instrumentation) and control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:29 |
| S5 | 0 | (serial adj data) same (one-wire or (one adj wire)) and 717/???ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:33 |
| S6 | 0 | (serial adj data) same (one-wire or (one adj wire)) and (instrumenting near3 code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:33 |
| S7 | 0 | (serial adj data) same (one-wire or (one adj wire)) and (inserting near3 code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:34 |
| S8 | 221 | (serial adj data) and ((inserting or instrument\$3) near3 code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/07 16:35 |

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| S9 | 171 | (serial adj data) and ((inserting or instrument\$3) near3 code) and (wire or bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:35 |
| S10 | 840 | (serial adj data) and ((inserting or instrument\$3) near3 data) and (wire or bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:36 |
| S11 | 179 | (serial adj data) and ((inserting or instrument\$3) adj data) and (wire or bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:36 |
| S12 | 290 | (serial adj data) and ((inserting or instrument\$3) near3 data) and (wire or bus) and (master or slave) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:36 |
| S13 | 71 | (serial adj data) and ((inserting or instrument\$3) adj data) and (wire or bus) and (master or slave) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:42 |
| S14 | 7 | "4720672".URPN. | USPAT | OR | OFF | 2004/06/07 17:08 |
| S15 | 14 | (serial adj data) and ((inserting or instrument\$3) adj data) and (wire or bus) and (master or slave) and (one-wire or (one adj wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 17:16 |
| S16 | 22 | "5337410".URPN. | USPAT | OR | OFF | 2004/06/08 07:29 |
| S17 | 7 | "4720672".URPN. | USPAT | OR | OFF | 2004/06/08 07:38 |
| S18 | 418 | (one-wire or 1-wire or (one adj wire)) and instrument and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:43 |
| S19 | 47 | (one-wire or 1-wire or (one adj wire)) and (instrument near3 (code or data)) and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:56 |
| S20 | 1042 | (one-wire or 1-wire or (one adj wire)) and test\$3 and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:57 |

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| S21 | 247 | (one-wire or 1-wire or (one adj wire)) and test\$3 and serial and ((insert\$3 or add\$3) near3 (data or code)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:58 |
| S22 | 7 | (one-wire or 1-wire or (one adj wire)) same serial and test\$3 same ((insert\$3 or add\$3) near3 (data or code)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 07:58 |
| S23 | 7 | (one-wire or 1-wire or (one adj wire)) same serial and (test\$3 or debug\$4 or simulat\$3) same ((insert\$3 or add\$3 or instrument) near3 (data or code)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/08 08:00 |
| S24 | 10 | ("5761697" "5210846" "5809518" "5864872" "6108751").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 09:25 |
| S25 | 2 | "6108751".URPN. | USPAT | OR | OFF | 2004/06/08 08:03 |
| S26 | 18 | ("4007355" "4196577" "4211919" "4272838" "4480178" "4511796" "4556958" "4621190" "4767918" "4845609" "4868409" "4928000" "4982371" "5013898" "5032708" "5045675" "5210846" "5398326").PN. | USPAT | OR | OFF | 2004/06/08 08:04 |
| S27 | 2 | "5864872".URPN. | USPAT | OR | OFF | 2004/06/08 08:08 |
| S28 | 0 | "6697897".URPN. | USPAT | OR | OFF | 2004/06/08 08:09 |
| S29 | 5 | ("4689740" "5023778" "5396639" "5809257" "5864872").PN. | USPAT | OR | OFF | 2004/06/08 08:09 |

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| S30 | 37 | ("3585399" "4007355" "4196577" "4211919" "4272838" "4272843" "4337525" "4429384" "4480178" "4511796" "4556958" "4621190" "4677308" "4689740" "4736367" "4767918" "4789859" "4817040" "4845609" "4868409" "4928000" "4982371" "5013898" "5032708" "5045675" "5049728" "5093785" "5095425" "5251235" "5412644" "5488322" "5506965" "5552777" "5568062" "5574965" "5590371" "5623515").PN. | USPAT | OR | OFF | 2004/06/08 08:11 |
| S31 | 12 | "5506965".URPN. | USPAT | OR | OFF | 2004/06/08 08:12 |
| S32 | 8 | "5809518".URPN. | USPAT | OR | OFF | 2004/06/08 08:21 |
| S33 | 0 | "6298066".URPN. | USPAT | OR | OFF | 2004/06/08 08:23 |
| S34 | 22 | ("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN. | USPAT | OR | OFF | 2004/06/08 08:23 |
| S35 | 6 | "5761697".URPN. | USPAT | OR | OFF | 2004/06/08 09:08 |
| S36 | 6 | "5761697".URPN. | USPAT | OR | OFF | 2004/06/08 09:19 |
| S37 | 2 | "6108751".URPN. | USPAT | OR | OFF | 2004/06/08 09:23 |
| S38 | 1689 | serial adj data adj communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 09:27 |
| S39 | 579 | serial adj data adj communication and (instrument or instrumentation or instrumenting or insert\$3 or (read\$3 adj in\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 09:27 |
| S40 | 21 | serial adj data adj communication and (single-wire or (single adj wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 09:27 |

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| S41 | 11 | (serial adj data adj communication and (instrument or instrumentation or instrumenting or insert\$3 or (read\$3 adj in\$2))) and (serial adj data adj communication and (single-wire or (single adj wire))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 10:50 |
| S42 | 2 | "6657214".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 17:20 |
| S43 | 0 | ((fusb same convert\$4) and bus) and translat\$5.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 17:20 |
| S44 | 6 | ((usb same convert\$4) and bus) and translat\$5.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:04 |
| S45 | 6790 | (eprom or eeprom) and bus and translat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:05 |
| S46 | 304 | (eprom or eeprom) and bus and translat\$5 and (half-duplex or (half adj duplex)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:05 |
| S47 | 80 | (eprom or eeprom) and bus and translat\$5 and (half-duplex or (half adj duplex)) same serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:09 |
| S48 | 40 | (eprom or eeprom) and bus same translat\$5 and (half-duplex or (half adj duplex)) same serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:06 |
| S49 | 0 | (eprom or eeprom) and bus same translat\$5 and (half-duplex or (half adj duplex)) same serial and 705/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:07 |
| S50 | 0 | (eprom or eeprom) and bus same translat\$5 and (half-duplex or (half adj duplex)) same serial and 709/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:07 |

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|-----|-----|--|---|----|-----|------------------|
| S51 | 24 | (eprom or eeprom) and bus same translat\$5 and (half-duplex or (half adj duplex)) same serial and 7??/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:09 |
| S52 | 0 | (eprom or eeprom) and bus same translat\$5 and (half-duplex or (half adj duplex)) same serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:09 |
| S53 | 0 | (eprom or eeprom) and bus and translat\$5 and (half-duplex or (half adj duplex)) same serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:10 |
| S54 | 0 | bus and translat\$5 and (half-duplex or (half adj duplex)) same serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:10 |
| S55 | 0 | translat\$5 and (half-duplex or (half adj duplex)) same serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:10 |
| S56 | 0 | (eprom or eeprom) and bus and translat\$5 same serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:10 |
| S57 | 0 | (eprom or eeprom) and bus and translat\$5 and serial and 703/???. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:11 |
| S58 | 0 | bus and translat\$5 and serial and 703/???.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:11 |
| S59 | 242 | 703/24.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |
| S60 | 237 | 703/25.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |

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|-----|------|---|---|----|-----|------------------|
| S61 | 285 | 703/26.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |
| S62 | 443 | 703/27.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |
| S63 | 16 | 703/24.ccls. and ((eprom or eeprom) and bus and translat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |
| S64 | 15 | 703/27.ccls. and ((eprom or eeprom) and bus and translat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:12 |
| S65 | 14 | 703/26.ccls. and ((eprom or eeprom) and bus and translat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/08 18:13 |
| S66 | 11 | 703/25.ccls. and ((eprom or eeprom) and bus and translat\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/09 10:31 |
| S67 | 7353 | (read\$3 and match\$3 and search\$3 and skip\$4) and (command or rom or uart or bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/09 10:32 |
| S68 | 371 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:33 |
| S69 | 191 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command and rom) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:33 |
| S70 | 91 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:34 |

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|-----|----|--|---|----|----|------------------|
| S71 | 78 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:51 |
| S72 | 35 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) same serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:34 |
| S73 | 25 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) and (one-wire or 1-wire or single-wire or (single adj wire) or (one adj wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:40 |
| S74 | 23 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) and (one-wire or 1-wire or single-wire or (single adj wire) or (one adj wire)) and (emulat\$4 or ice or test\$3 or instrument\$3 or insert\$3) and (interrupt\$4 or redirect\$3 or trap\$4 or exception) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:43 |
| S75 | 0 | (determin\$3 near3 (read\$3 and match\$3 and search\$3 and skip\$4)) same (command or rom or uart or bus) and (command same rom) and serial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 10:43 |
| S76 | 1 | (read\$3 and match\$3 and search\$3 and skip\$4) same (command or rom or uart or bus) and (command same rom) and serial and "6412072".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:04 |
| S77 | 7 | 717/158.ccls. and (master or slave) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:13 |
| S78 | 0 | 717???ccls. and (master or slave) and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:15 |
| S79 | 0 | 717???ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:15 |

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| S80 | 0 | 717??? .ccls. and wire and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:16 |
| S81 | 492 | 717/??? .ccls. and (master or slave) and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:15 |
| S82 | 492 | 717/??? .ccls. and (master or slave) and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:15 |
| S83 | 1786 | 717/??? .ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:34 |
| S84 | 413 | 717/??? .ccls. and wire and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:16 |
| S85 | 99 | (717/??? .ccls. and (master or slave) and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (717/??? .ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (717/??? .ccls. and wire and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:16 |
| S86 | 15 | (717/??? .ccls. and (master or slave) and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (717/??? .ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (717/??? .ccls. and wire and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (one-wire or (one adj wire) or 1-wire or single-wire or (single adj wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:22 |
| S87 | 24 | (717/??? .ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3)) and (one-wire or (one adj wire) or 1-wire or single-wire or (single adj wire)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:22 |

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|-----|-----|--|---|----|-----|------------------|
| S88 | 444 | 717/???.ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) and (eeprom or eeprom or usb) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:35 |
| S89 | 198 | 717/???.ccls. and bus and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) and (eeprom or eeprom or usb) and translat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 13:35 |
| S90 | 19 | 717/???.ccls. and bus same translat\$5 and (instrument\$5 or emulat\$3 or simulat\$3 or test\$3) and (eeprom or eeprom or usb) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 16:36 |
| S91 | 9 | ("5506965" "5862354" "6034955" "6412072"):pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 16:38 |
| S92 | 208 | 717/158.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/09 16:38 |
| S93 | 743 | Maxim-IC.as. or maxim.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 15:42 |
| S94 | 0 | (Maxim-IC.as. or maxim.as.) and (1wm or 1wire or 1-wire or one-wire) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 15:40 |
| S95 | 0 | Maxim-IC.as. or maxim.as. and owfs | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 15:41 |
| S96 | 2 | Maxim-IC.as. or maxim.as. and wire and master and slave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/05 15:42 |
| S97 | 0 | ("6298066"):URPN. | USPAT | OR | OFF | 2005/01/05 15:45 |

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|----------|-------|--|------------------------------|----|-----|------------------|
| S98 | 22 | ("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 15:59 |
| S99 | 7 | ((("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN.) and ((primary or secondary or first or second or plurality or multiple) near3 bus) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:06 |
| S10 0 | 0 | ((("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN.) and ((dual) near3 bus) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:06 |
| S10 1 | 56232 | ((primary or secondary or first or second or plurality or multiple or dual) near3 bus) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:07 |
| S10 2 | 5856 | ((primary or secondary or first or second or plurality or multiple or dual) near3 bus) and ((data near3 direction) or (direction near3 switch\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:22 |
| S10 3 | 1032 | (data near3 insert\$3) near5 (communicat\$3 or bus) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:25 |
| S10 4 | 17203 | S102 nad S103 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:24 |

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|----------|------|---|------------------------------|----|-----|------------------|
| S10 5 | 83 | S102 and S103 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:24 |
| S10 6 | 1246 | (data near3 (insert\$3 or substitut\$3 or overrid\$3)) near5 (communicat\$3 or bus) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 16:25 |
| S10 9 | 53 | S102 and S106 and (test\$3 or debug\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 17:05 |
| S11 0 | 845 | 710/110 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 17:13 |
| S11 1 | 434 | 710/110 and (test\$3 or debug\$4 or develop\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/05 17:14 |
| S11 2 | 106 | 710/110 and (test\$3 or debug\$4 or develop\$4) and ((insert\$3 or add\$3 or substitut\$3) near3 (data or value)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 07:39 |
| S11 3 | 1 | "5832207".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 07:39 |
| S11 4 | 12 | ("5832207").URPN. | USPAT | OR | OFF | 2005/01/06 07:39 |
| S11 5 | 0 | ("6298066").URPN. | USPAT | OR | OFF | 2005/01/06 07:48 |
| S11 6 | 22 | ("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 07:52 |

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|----------|-------|---|---|----|-----|------------------|
| S11 7 | 21 | ((("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN.) and (multiple or dual or second\$3 or plurality or parallel) near3 (bus or busses or line or link or communication) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 07:54 |
| S11 8 | 21 | ((("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN.) and (multiple or dual or second\$3 or plurality or parallel or backup or redundant or alternate) near3 (bus or busses or line or link or communication) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 08:16 |
| S11 9 | 132 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near5 ((insert\$3 or substitut\$3 or add\$3) near3 (data or value)) and ((bus\$3 or line or interface or communicat\$3 or link or wire) near3 (insert\$3 or substitut\$3 or add\$3) near3 (data or value or known)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 08:23 |
| S12 0 | 12931 | (dual or parallel or plurality or multiple or second\$3 or additional) near3 (data adj bus\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/06 08:23 |
| S12 1 | 164 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near5 ((insert\$3 or substitut\$3 or add\$3) near3 (data or value)) and ((bus\$3 or line or interface or communicat\$3 or link or wire) near3 (insert\$3 or substitut\$3 or add\$3) near3 (data or value or known)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:46 |

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|----------|-------|--|------------------------------|----|----|------------------|
| S12 2 | 896 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near5 ((device or sensor) near3 (bus\$3 or line or interface or communicat\$3 or link or wire)) and ((insert\$3 or substitut\$3 or add\$3) near3 (data or value or known)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 08:26 |
| S12 3 | 18 | S120 and S121 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 08:26 |
| S12 4 | 46 | S120 and S122 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 08:43 |
| S12 5 | 43 | S124 not S123 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 08:43 |
| S12 6 | 27019 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near5 (sensor or eeprom) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:49 |
| S12 7 | 18998 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near3 (sensor or eeprom) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:49 |
| S12 8 | 176 | (emulat\$3 or simulat\$3 or jtag or instrument\$3 or debug\$4 or test\$3) near3 (sensor or eeprom) same ((add\$3 or insert\$3 or instrument\$3 or use) near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:50 |
| S12 9 | 175 | (instrument\$3 or debug\$4 or test\$3) near3 (sensor or eeprom) same ((add\$3 or insert\$3 or instrument\$3 or use) near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:51 |
| S13 0 | 2 | (instrument\$3 or debug\$4 or test\$3) near3 (sensor or eeprom) same ((add\$3 or insert\$3 or instrument\$3 or use) near3 known) and (data adj bus\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:53 |
| S13 1 | 4 | (instrument\$3 or debug\$4 or test\$3) near5 (sensor or eeprom or eeprom) same ((add\$3 or insert\$3 or instrument\$3 or use) near3 known) and (data adj bus\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 09:56 |
| S13 2 | 18 | (instrument\$3 or debug\$4 or test\$3) near5 (sensor or eeprom or eeprom or slave or device) same ((add\$3 or insert\$3 or instrument\$3 or use) near3 known) and (data adj bus\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:00 |

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|----------|------|--|------------------------------|----|----|------------------|
| S13 3 | 75 | (national and instrument).as. and debug\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:01 |
| S13 4 | 14 | (national and instrument).as. and debug\$4 same known | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:04 |
| S13 5 | 4 | debug\$4 same (insert\$3 near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:08 |
| S13 6 | 26 | debug\$4 same ((insert\$3 or inject\$3 or add\$3 or substitut\$3 OR INSTRUMENT\$3) near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:23 |
| S13 7 | 22 | S136 NOT S135 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:25 |
| S13 8 | 1 | "5832207".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:25 |
| S13 9 | 4732 | 713/200 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:27 |
| S14 0 | 25 | 713/200 AND S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:28 |
| S14 1 | 2528 | 710/100 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:29 |
| S14 2 | 1977 | 710/107 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:29 |
| S14 3 | 1045 | 710/113 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:29 |
| S14 4 | 9 | 710/100 AND S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:29 |
| S14 5 | 5 | 710/107 AND S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:31 |
| S14 6 | 4 | 710/113 AND S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 10:42 |
| S14 7 | 1 | "6298066".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:28 |
| S14 8 | 1 | "5832207".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:29 |

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|----------|------|--|------------------------------|----|-----|------------------|
| S14 9 | 2 | ("5862354" "6412072").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:32 |
| S15 0 | 5 | ("5761697" "5210846" "5809518" "5864872" "6108751").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:51 |
| S15 1 | 2892 | DEBUG\$4 NEAR5 (DATA-PATH OR PATH OR BUS OR INTERFACE OR COMMUNICATION OR LINK OR PROTOCOL) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:40 |
| S15 2 | 71 | DEBUG\$4 NEAR5 (DATA-PATH OR PATH OR BUS OR INTERFACE OR COMMUNICATION OR LINK OR PROTOCOL) and ((insert\$3 or inject\$3 or add\$3 or substitut\$3 OR INSTRUMENT\$3) near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:42 |
| S15 3 | 11 | DEBUG\$4 same ((second\$3 or parallel or additional) near3 (DATA-PATH OR PATH OR BUS OR INTERFACE OR COMMUNICATION OR LINK OR PROTOCOL)) and ((insert\$3 or inject\$3 or add\$3 or substitut\$3 OR INSTRUMENT\$3) near3 known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 11:42 |
| S15 4 | 5 | ("5761697" "5210846" "5809518" "5864872" "6108751").PN. and (debug\$4 or test\$4 or verify or verification) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 13:22 |
| S15 5 | 2 | ("5544311" "5898859").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 14:09 |
| S15 6 | 1 | ("5758060").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:16 |
| S15 7 | 152 | i2c same bridge | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:43 |
| S15 8 | 15 | ("5487018" "5546562" "5559715" "5663900" "5692160" "5726902" "5826073" "5841663" "5926629" "6006022" "6154803" "6195593" "6240543" "6269467" "6286114").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 15:24 |
| S15 9 | 3534 | divid\$3 near3 bus | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:44 |

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|----------|---------|---|------------------------------|----|----|------------------|
| S16 0 | 164 | divid\$3 near3 bus same (master) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:49 |
| S16 1 | 111 | divid\$3 near3 bus same (master) same (control\$3 or arbitrat\$3 or direct\$3 or alternat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:45 |
| S16 2 | 9 | (divid\$3 adj bus) same (master) same (control\$3 or arbitrat\$3 or direct\$3 or alternat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:49 |
| S16 3 | 104 | divid\$3 near2 bus same (master) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:49 |
| S16 4 | 62 | (divid\$3 near2 bus) same (master) same (control\$3 or arbitrat\$3 or direct\$3 or alternat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:56 |
| S16 5 | 5001714 | dividing the bus into two | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:57 |
| S16 6 | 0 | "dividing the bus into two" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:57 |
| S16 7 | 0 | "bus into two" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:57 |
| S16 8 | 13013 | (partition\$3 or split\$4 or divid\$3 or separat\$3) near2 bus | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:58 |
| S16 9 | 4230 | (partition\$3 or split\$4 or divid\$3 or separat\$3) near2 bus and (master) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 15:59 |
| S17 0 | 210 | (partition\$3 or split\$4 or divid\$3 or separat\$3) near2 bus same (master) and (bridge) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:00 |
| S17 1 | 89 | ((partition\$3 or split\$4 or divid\$3 or separat\$3) near2 bus).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:10 |
| S17 2 | 616 | 710/310 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:11 |
| S17 3 | 257 | 710/314 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:10 |
| S17 4 | 377 | 710/310 and (data adj (bus or link or communication or path or interface)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:11 |
| S17 5 | 9 | 710/310 and (((one or single) adj wire) or 1wire or one-wire or single-wire) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:12 |

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|----------|----|--|------------------------------|----|-----|------------------|
| S17 6 | 7 | 710/314 and (((one or single) adj wire) or 1wire or one-wire or single-wire) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:13 |
| S17 7 | 1 | S175 and S176 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:13 |
| S17 8 | 15 | S175 or S176 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/06 16:13 |
| S17 9 | 1 | "5898859".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/10 16:16 |
| S18 0 | 14 | ("5088033" "5375225" "5564026" "5564061" "5590312" "5604870" "5644754" "5696993" "5715433" "5721880" "5727217" "5748945" "5751975").PN. OR ("5898859").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/10 17:01 |
| S18 1 | 1 | "6298066".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/10 17:01 |
| S18 2 | 22 | ("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN. OR ("6298066").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/10 17:03 |
| S18 3 | 11 | ((("3702008" "3725866" "4148240" "4149144" "4293947" "4370561" "4463341" "4677308" "4736367" "4907223" "4965550" "5210846" "5390351" "5398326" "5469150" "5717861" "5761697" "5809518" "5832207" "5917813" "5926476" "5936520").PN. OR ("6298066").URPN.) and (debug\$4 or test\$3 or validat\$5 or verify or verification or simulat\$3 or emulat\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/10 17:04 |

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|----------|-------|--|---|----|-----|------------------|
| S18 4 | 653 | ((test\$3 near2 mode) near5 disable\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/11 08:20 |
| S18 5 | 18 | ((test\$3 near2 mode) near5 disable\$3) same data adj bus | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/11 08:21 |
| S18 6 | 18 | ((test\$3 near2 mode) near5 disable\$3) same data adj bus and (one or single or S184) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/11 09:15 |
| S18 7 | 0 | ((test\$3 near2 mode) near5 disable\$3) same data adj (wire or communication or interface) and (one or single or S184) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/11 09:16 |
| S18 8 | 14 | (test\$3 near2 mode) same data adj (wire or communication or interface or protocol) and (one or single or S184 or serial) near2 (wire) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/11 09:17 |
| S18 9 | 12267 | (bus or busses) near3 switch\$3 and (direction or directing or flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:29 |
| S19 0 | 1891 | (bus or busses) near3 switch\$3 same (direction or directing or flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:04 |
| S19 1 | 1246 | (bus or busses) near2 switch\$3 same (direction or directing or flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:04 |
| S19 2 | 261 | (bus or busses) near2 switch\$3 near5 (direction or directing or flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:20 |
| S19 3 | 2 | "switch between busses" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:20 |
| S19 4 | 9 | switch near3 "between busses" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:21 |

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|----------|------|--|---|----|-----|------------------|
| S19 5 | 1004 | (bus or busses) near3 switch\$3 and (direction or directing or flow) and 710/???ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:30 |
| S19 6 | 14 | (bus or busses) near3 switch\$3 and (direction or directing or flow) and 710/???ccls. and "between busses" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:39 |
| S19 7 | 6 | ("5898894" "6405273").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:40 |
| S19 8 | 213 | 710/???ccls. and ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 11:42 |
| S19 9 | 23 | 710/???ccls. and ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire")near3 (two or plurality) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:35 |
| S20 0 | 6 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire")near3 (two or plurality) same (modify or alter or write or replace\$4) near3 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:43 |
| S20 1 | 102 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") same ((modify or alter or write or replace\$4) near3 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:43 |
| S20 2 | 110 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") same ((modify or alter or write or replace\$4 or insert\$3) near3 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:45 |
| S20 3 | 10 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire")near3 (two or plurality) same (modify or alter or writ\$3 or replace\$4 or insert\$3) near3 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:44 |
| S20 4 | 4 | S203 not S200 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:44 |

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|----------|----|--|---|----|-----|------------------|
| S20 5 | 13 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") near5 ((modify or alter or write or replace\$4 or insert\$3) near3 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 13:49 |
| S20 6 | 13 | ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") near5 ((modify or alter or write or replace\$4 or insert\$3) near3 data) and ("one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 14:00 |
| S20 7 | 9 | ("5928361" "6037928" "5157772").pn. or "2001049803" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 14:43 |
| S20 8 | 2 | "5761697".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 14:52 |
| S20 9 | 2 | "5619066".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 14:45 |
| S21 0 | 2 | "5398326".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/04 15:28 |
| S21 1 | 2 | "5862354".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 08:09 |
| S21 2 | 2 | "6101327".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/05 08:09 |
| S21 3 | 1 | "6101327".pn. and synchroniz\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/06 10:38 |

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| S21 4 | 1096 | ("half-duplex" or "half duplex") and serial and (bridge or repeater) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 10:41 |
| S21 5 | 24 | ("half-duplex" or "half duplex") same serial same (bridge or repeater) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 10:40 |
| S21 6 | 539 | ("half-duplex" or "half duplex") and serial and (bridge or repeater) and ((modify or alter or write or replace\$4 or insert\$3) near3 (stor\$2 or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 10:43 |
| S21 7 | 537 | ("half-duplex" or "half duplex") and serial and (bridge or repeater) and ((modify or alter or write or replace\$4 or insert\$3) near3 (content or data)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 10:43 |
| S21 8 | 60 | ("half-duplex" or "half duplex") and serial and (bridge or repeater) and ((modify or alter or write or replace\$4 or insert\$3) near3 (content or data)) and ("one wire" or "one-wire" or "1-wire" or "single wire") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 10:50 |
| S21 9 | 51 | ("half-duplex" or "half duplex") and serial and (bridge or repeater) and ((modify or alter or write or replace\$4 or insert\$3) near3 (content or data)) and ("one wire" or "one-wire" or "1-wire" or "single wire") and (master and slave) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:27 |
| S22 0 | 151 | ((modify or modified or alter\$2 or write or replace\$4 or insert\$3 or inject\$3) near3 (content or data)) and (between or from or to) near5 (((primary or first) adj bus) near3 (second\$3 adj bus)) and (master and slave) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:30 |
| S22 1 | 135 | ((modify or modified or alter\$2 or write or replace\$4 or insert\$3 or inject\$3) near3 (content or data)) and (between or from or to) near5 (((primary or first) adj bus) near3 (second\$3 adj bus)) and (master and slave) and ("half-duplex" or "half duplex" or serial or bridge or repeater or "one wire" or "one-wire" or "1-wire" or "single wire") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:32 |

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|----------|------|---|---|----|----|------------------|
| S22 2 | 134 | ((modify or modified or alter\$2 or write or replace\$4 or insert\$3 or inject\$3) near3 (content or data)) and (between or from or to) near5 (((primary or first) adj bus) near3 (second\$3 adj bus)) and (master and slave) and ("half-duplex" or "half duplex" or serial or bridge or repeater or "one wire" or "one-wire" or "1-wire" or "single wire") and interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:16 |
| S22 3 | 188 | ((modify or modified or alter\$2 or write or replace\$4 or insert\$3 or inject\$3) near3 (content or data)) and (between or from or to or interconnect\$3 or transfer\$4) near5 (((primary or first) adj bus) near3 (second\$3 adj bus)) and (master and slave) and ("half-duplex" or "half duplex" or serial or bridge or repeater or "one wire" or "one-wire" or "1-wire" or "single wire") and interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:16 |
| S22 4 | 106 | microlan | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:17 |
| S22 5 | 8 | microlan and (bridge or repeater) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:32 |
| S22 6 | 72 | microlan and (((primary or first) and (secondary or second)) or plurality) and bus\$2 and interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:34 |
| S22 7 | 73 | microlan and (((primary or first) and (secondary or second)) or plurality) and bus\$2 and (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:27 |
| S22 8 | 4702 | ("plugin " or "plug-in") near3 (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:29 |

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|----------|----------|---|---|----|----|------------------|
| S22 9 | 10695773 | ("plugin " or "plug-in") near2 bus\$2 S216 (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:30 |
| S23 0 | 362 | ("plugin " or "plug-in") near2 bus\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:30 |
| S23 1 | 1983 | ("plugin " or "plug-in") near2 (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) near2 ("plugin " or "plug-in") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:31 |
| S23 2 | 13 | ((first or primary) near2 ("plugin " or "plug-in")) near2 (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) near2 ((second\$2 or subsequent or additional) near2 ("plugin " or "plug-in")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:36 |
| S23 3 | 17 | ((first or primary) near2 ("plugin " or "plug-in" or "one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire")) near2 (interfac\$3 or between or from or to or interconnect\$3 or transfer\$4 or communicat\$4) near2 ((second\$2 or subsequent or additional) near2 ("plugin " or "plug-in" or "one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:45 |
| S23 4 | 36394 | "one-wire" or "one wire" or "1-wire" or "single wire" or onewire or "1wire" same (insert\$3 or latch\$3) near3 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:46 |
| S23 5 | 24859 | "one-wire" or "one wire" or "1-wire" or onewire or "1wire" same (insert\$3 or latch\$3) near3 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:47 |
| S23 6 | 24859 | "one-wire" or "one wire" or "1-wire" or onewire or "1wire" same (insert\$3 or latch\$3) near2 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 15:47 |

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|----------|-------|--|---|----|----|------------------|
| S23 7 | 9 | ("one-wire" or "one wire" or "1-wire" or onewire or "1wire") same (insert\$3 or latch\$3) near2 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:38 |
| S23 8 | 36066 | insert\$3 near2 data "serial data stream" and master and slave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:39 |
| S23 9 | 10 | insert\$3 near2 (data near2 (serial near2 stream)) and master and slave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:59 |
| S24 0 | 749 | ((interrupt\$3 or exception) near3 (master and slave) insert\$3 near2 (data near2 (serial near2 stream))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:01 |
| S24 1 | 231 | ((interrupt\$3 or exception or disrupt\$3) and communicat\$3) near3 (master and slave) insert\$3 near2 (data near2 (serial near2 stream)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:01 |
| S24 2 | 0 | ((interrupt\$3 or exception or disrupt\$3) and communicat\$3) near3 (master and slave) same (insert\$3 near2 (data near2 (serial near2 stream))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:02 |
| S24 3 | 0 | ((interrupt\$3 or exception or disrupt\$3) and communicat\$3) same (master and slave) same (insert\$3 near2 (data near2 (serial near2 stream))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:03 |
| S24 4 | 1 | ((interrupt\$3 or exception or disrupt\$3) and communicat\$3) same (master and slave) same (data near2 (serial near2 stream)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:28 |
| S24 5 | 18 | modify near3 (slave near3 (bus or communication or signal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 17:37 |
| S24 6 | 349 | 700/3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 18:04 |

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|----------|-----|--|---|----|----|------------------|
| S24 7 | 73 | 700/3.ccls. and insert\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 18:08 |
| S24 8 | 0 | "sensor to sensor" same (insert\$3 or communicat\$3 or messag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 07:59 |
| S24 9 | 0 | "sensor to sensor" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 07:59 |
| S25 0 | 0 | "device to device" same (insert\$3 or communicat\$3 or messag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:00 |
| S25 1 | 0 | "peripheral to peripheral" same (insert\$3 or communicat\$3 or messag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:00 |
| S25 2 | 0 | "peripheral to peripheral" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:00 |
| S25 3 | 0 | "device to device" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:01 |
| S25 4 | 349 | 700/3.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:01 |
| S25 5 | 149 | 700/3.ccls. and (peripheral or sensor or "one wire" or "twisted pair" or "single wire" or "1 wire") | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 08:02 |
| S25 6 | 106 | 700/3.ccls. and (peripheral or sensor or "one wire" or "twisted pair" or "single wire" or "1 wire") and bus and (communicat\$3 or messag\$3 or insert\$3 or send\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:10 |
| S25 7 | 0 | onewire near5 interface and bus and (communicat\$3 or messag\$3 or insert\$3 or send\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:10 |
| S25 8 | 6 | onewire near5 bus and (communicat\$3 or messag\$3 or insert\$3 or send\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:12 |
| S25 9 | 0 | onewire near5 (intra or bridge or repeater) and (communicat\$3 or messag\$3 or insert\$3 or send\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:14 |
| S26 0 | 0 | onewire near5 (intra or bridge or repeater) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:14 |
| S26 1 | 19 | onewire and (intra or bridge or repeater) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:15 |

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| S26 2 | 12 | onewire and rom. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 09:15 |
| S26 3 | 395 | 370/402.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 14:43 |
| S26 4 | 59 | 370/402.ccls. and (master and slave) and (switch\$3 or direct\$3 or flow\$3 or router) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/11 15:24 |